- 1. A method of treating a subterranean zone penetrated by a well bore comprising the steps of:
- (a) preparing or providing a high density viscous salt water treating fluid having a density in the range of from about 9 lbs/gal to about 15 lbs/gal that comprises salt water, a gelling agent and a delayed oxidizing gel breaker, said salt water comprising water and one or more oxidation resistant salts;
- (b) introducing said high density viscous salt water treating fluid into said subterranean zone; and
- (c) allowing said high density viscous cross-linked salt water treating fluid to break into a low viscosity fluid.
- 2. The method of claim 1 wherein said one or more oxidation resistant salts are selected from the group consisting of calcium, potassium, cesium or sodium acetate; potassium, cesium or sodium citrate; potassium, cesium or sodium nitrate; and potassium, cesium or sodium formate.
  - 3. The method of claim 1 wherein said oxidation resistant salt is sodium nitrate.
- 4. The method of claim 1 wherein said gelling agent is selected from the group consisting of guar gum and its derivatives, cellulose derivatives, welan gum, xanthan biopolymer and succinoglycon biopolymer.
  - 5. The method of claim 1 wherein said gelling agent is xanthan biopolymer.

- 6. The method of claim 1 wherein said gelling agent is present in said treating fluid in an amount in the range of from about 0.05% to about 2% by weight of said salt water therein.
- 7. The method of claim 1 wherein said delayed oxidizing gel breaker is selected from the group consisting of potassium, ammonium or sodium persulfate; potassium, ammonium or sodium perborate; potassium, ammonium or sodium bromate; potassium, ammonium or sodium periodate; potassium, ammonium or sodium chlorate; and potassium, ammonium or sodium chlorite.
- 8. The method of claim 1 wherein said delayed oxidizing gel breaker is sodium persulfate.
- 9. The method of claim 1 wherein said delayed oxidizing gel breaker is present in said treating fluid in an amount in the range of from about 0.01% to about 5% by weight of said salt water therein.
- 10. The method of claim 1 which further comprises a cross-linking agent for cross-linking said gelling agent and thereby increasing the viscosity of said treating fluid.
- 11. The method of claim 10 wherein said cross-linking agent is selected from the group consisting of borate releasing compounds, a source of titanium ions, a source of zirconium ions, a source of antimony ions, and a source of aluminum ions.
- 12. The method of claim 10 wherein said cross-linking agent is a borate releasing compound.

- 13. The method of claim 10 wherein said cross-linking agent is present in said treating fluid in an amount in the range of from about 0.025% to about 1% by weight of said salt water therein.
- 14. A method of treating a subterranean zone penetrated by a well bore by placing particulate gravel material therein comprising the steps of:
- (a) preparing or providing a high density viscous salt water carrier fluid having a density in the range of from about 9 lbs/gal to about 15 lbs/gal that comprises salt water, xanthan biopolymer gelling agent, a delayed oxidizing gel breaker and suspended particulate gravel material, said salt water comprising water and one or more oxidation resistant salts;
- (b) introducing said high density viscous salt water carrier fluid into said subterranean zone; and
- (c) allowing said high density viscous salt water carrier fluid to break into a low viscosity fluid whereby said particulate gravel material is deposited in said subterranean zone.
  - 15. The method of claim 14 wherein said oxidizing resistant salt is sodium nitrate.
- 16. The method of claim 14 wherein said gelling agent is present in said treating fluid in an amount in the range of from about 0.05% to about 2% by weight of said salt water therein.
- 17. The method of claim 14 wherein said delayed oxidizing gel breaker is sodium persulfate.

- 18. The method of claim 14 wherein said delayed oxidizing gel breaker is present in said treating fluid in an amount in the range of from about 0.01% to about 5% by weight of said salt water therein.
- 19. A method of treating a subterranean zone penetrated by a well bore by fracturing the zone and depositing particulate proppant material in the fractures formed comprising the steps of:
- (a) preparing or providing a high density viscous salt water fracturing fluid having a density in the range of from about 9 lbs/gal to about 15 lbs/gal that comprises salt water, xanthan biopolymer gelling agent, a delayed oxidizing gel breaker and suspended particulate proppant material; said salt water comprising water and one or more oxidation resistant salts;
- (b) introducing said high density viscous salt water fracturing fluid into said subterranean zone at a rate and pressure sufficient to fracture said subterranean zone; and
- (c) allowing said high density viscous salt water fracturing fluid to break into a low viscosity fluid.
  - 20. The method of claim 19 wherein said oxidization resistant salt is sodium nitrate.
- 21. The method of claim 19 wherein said gelling agent is present in said treating fluid in an amount in the range of from about 0.05% to about 2% by weight of said salt water therein.
- 22. The method of claim 19 wherein said delayed oxidizing gel breaker is sodium persulfate.

- 23. The method of claim 19 wherein said delayed oxidizing gel breaker is present in said treating fluid in an amount in the range of from about 0.01% to about 5% by weight of said salt water therein.
- 24. A high density viscous salt water treating fluid for treating subterranean zones having a density in the range of from about 9 lbs/gal to about 15 lbs/gal that comprises:

salt water comprising water and one or more oxidation resistant salts;

a gelling agent; and

a delayed oxidizing gel breaker.

- 25. The treating fluid of claim 24 wherein said oxidization resistant salt is sodium nitrate.
  - 26. The treating fluid of claim 24 wherein said gelling agent is xanthan biopolymer.
- 27. The treating fluid of claim 24 wherein said gelling agent is present in said treating fluid in an amount in the range of from about 0.05% to about 2% by weight of said salt water therein.
- 28. The treating fluid of claim 24 wherein said delayed oxidizing gel breaker is sodium persulfate.
- 29. The treating fluid of claim 24 wherein said delayed oxidizing gel breaker is present in said treating fluid in an amount in the range of from about 0.01% to about 5% by weight of said salt water therein.

- 30. The treating fluid of claim 24 wherein further comprises a cross-linking agent for linking-linking said gelling agent and thereby increasing the viscosity of said aqueous treating fluid.
- 31. The treating fluid of claim 30 wherein said cross-linking agent is a borate releasing compound.
- 32. The treating fluid of claim 30 wherein said cross-linking agent is present in said treating fluid in an amount in the range of from about 0.025% to about 1% by weight of said salt water therein.